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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) PATENT
 POTUCEK, Igor et al.) Group:
 Serial No.: based on PCT/SE00/00043) Examiner:
 Filed: July 11, 2001) ATTN: PCT

PRE
 AMEND
 #6/A
 ASW
 DEC 11, 2001

Method for A RobotPRELIMINARY AMENDMENT

July 11, 2001

Box PCT
 Assistant Director for Patents
 Washington, D.C. 20231

Sirs:

Before examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 1 to 9 as follows:

1. (Amended) Method for synchronizing a robot that includes a control system, a first robot part and a second robot part movably attached to the first robot part, whereby the position of a target arranged on the first robot part is determined by the passage of a sensor arranged on the second robot part, comprising the steps of causing the target to include several distinct detectable changes comprising step-like structural changes, sensing at least two of said distinct detectable changes by the sensor, calculating the position of the target, and introducing the calculated target position into the control system and comparing the target position with a calibration position for the target in the control system.

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